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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: **Takuya HIRANO et al.**

Group Art Unit: **2135**

Application Number: **09/787,029**

Examiner: **Ponnoreay Pich**

Filed: **March 13, 2001**

Confirmation Number: **8139**

For: **QUANTUM CIPHER COMMUNICATION SYSTEM**

Attorney Docket Number: **010294**

Customer Number: **38834**

**RESPONSE**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

January 5, 2007

Sir:

This paper is being filed in response to the Office Action dated October 5, 2006.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.